

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

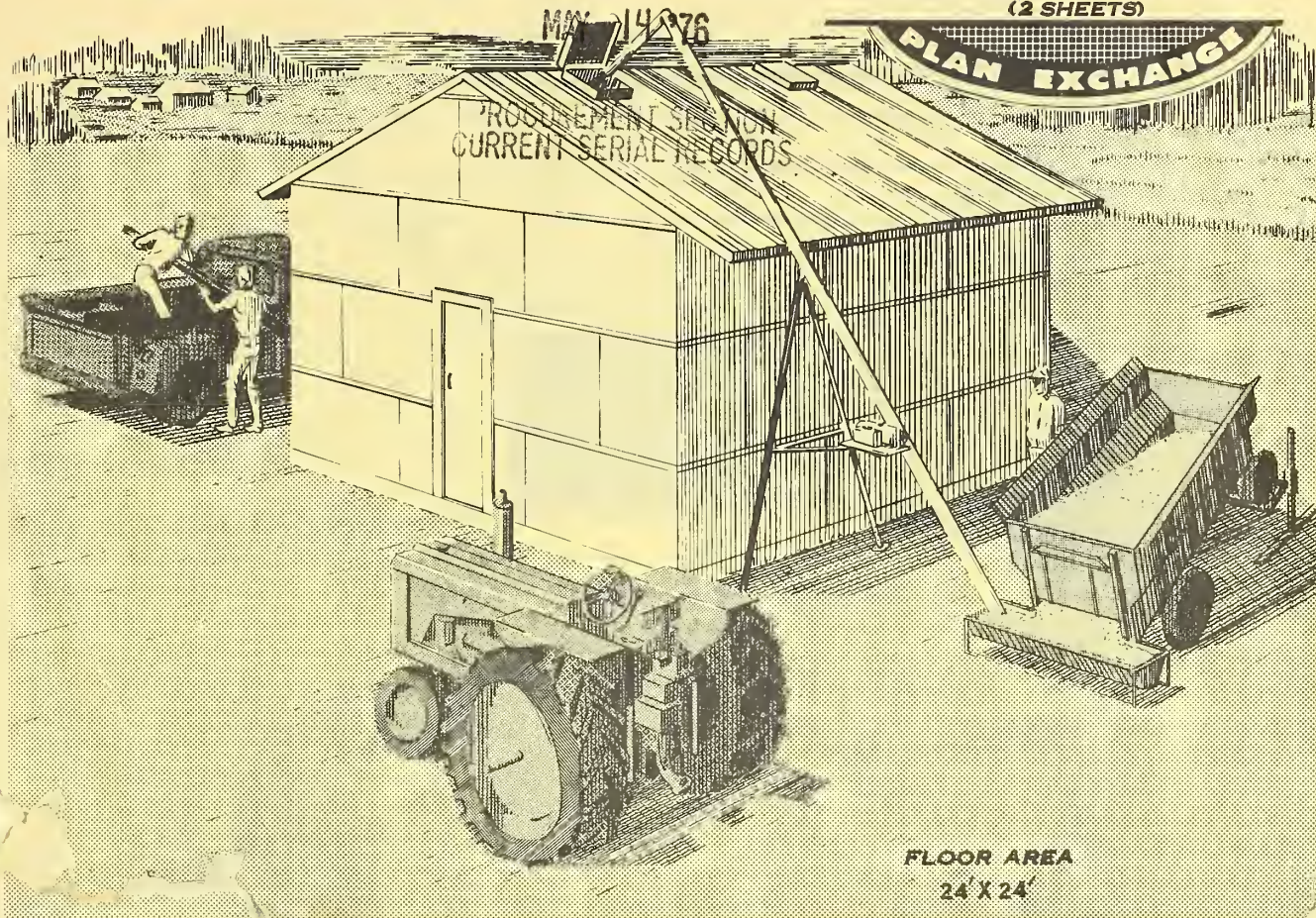
1/1
Ag 84M
Cop. 2

#1200

GRAIN BIN

U.S. DEPT. OF AGRICULTURE
NAT'L AGRIC. LIBRARY
RECEIVED

5,500 bushel



This 5,500-bushel grain bin was designed for on-farm storage of cereal and feed grains. The plywood wall sections may be prefabricated or built onsite. Nail-glued trusses and a plywood roofdeck are other features. Clear span trusses support the roof and leave the interior of the building free of obstructions.

The storage unit, developed with the cooperation of the American Plywood Association, is the type and size frequently marketed by lumber dealers throughout the Grain Belt as a pre-cut package with trusses.

Exterior-grade plywood and construction-grade, Douglas fir, or No. 1 southern pine framing lumber are used. The actual size of dressed lumber varies slightly, depending on manufacture. Because of this difference, minor changes may be necessary in some of the dimensions shown on the plans.

The working drawings include construction details for the trusses. These trusses have plywood gusset

plates glued and nailed to the chord and web members. Gluing is critically important and must be done strictly in accordance with the glue manufacturer's directions.

Use only exterior-grade plywood for the gusset plates. Commercially fabricated trusses are suitable and may be substituted, if desired, with a resulting reduction in onsite labor.

Consult your county agricultural agent or State extension agricultural engineer for information regarding the load-carrying requirements for trusses in your area.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6090, GRAIN BIN-5,500 BUSHEL.

WASHINGTON, D.C.

ISSUED JUNE 1971

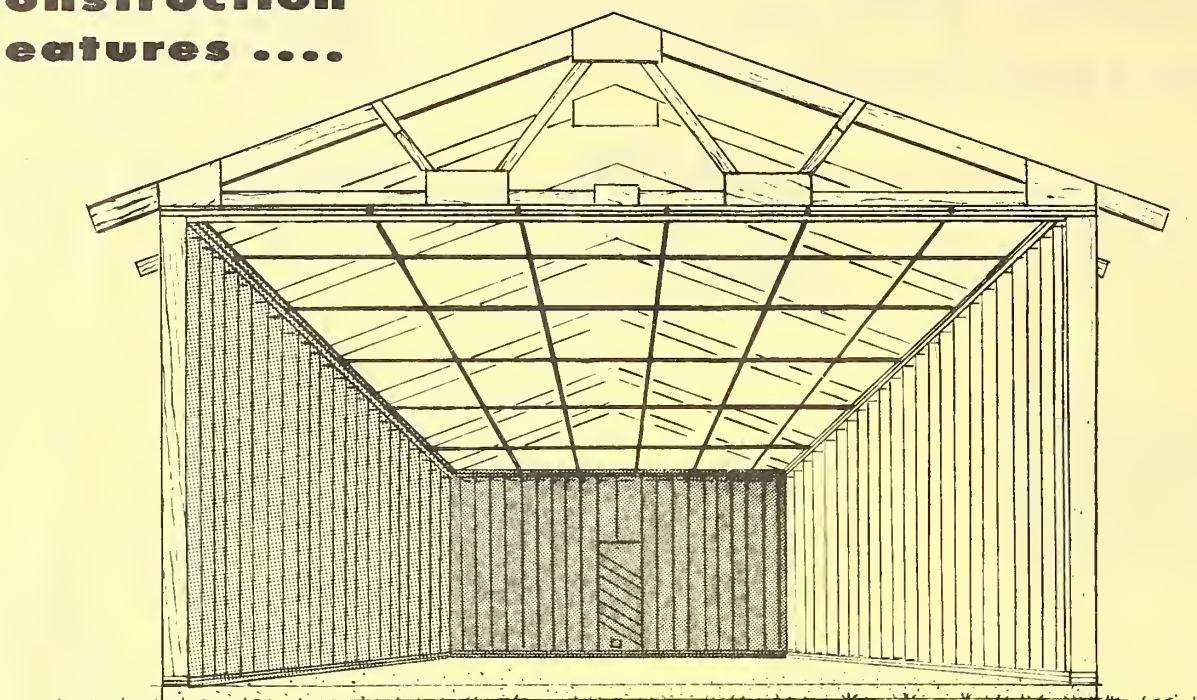
UNITED STATES DEPARTMENT OF AGRICULTURE

Miscellaneous Publication No. 1200

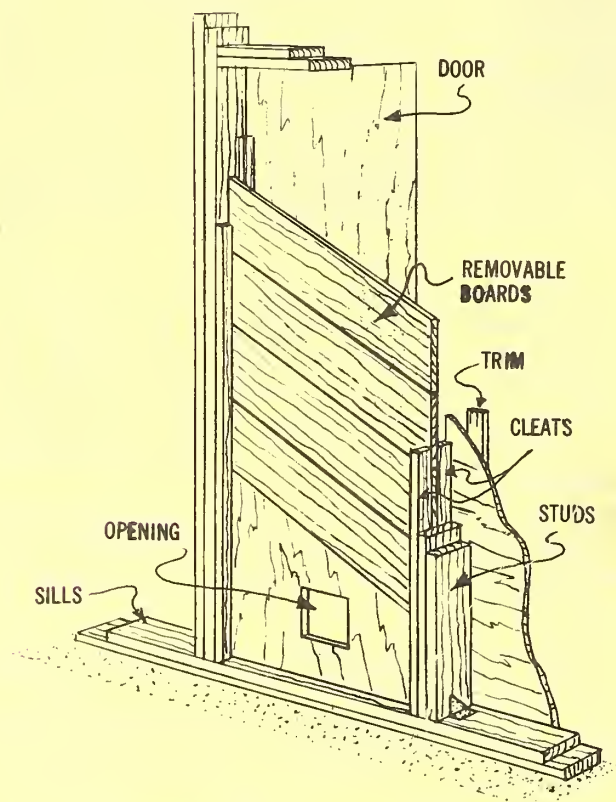
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402—Price 5 cents.

Stock Number 0100-1351

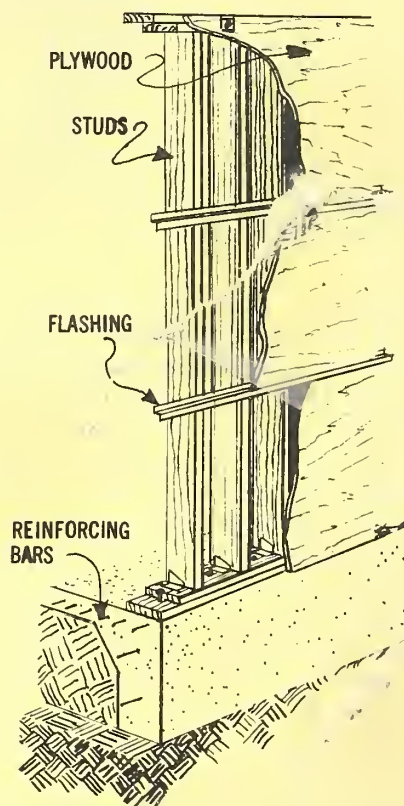
construction features



CUTAWAY VIEW SHOWING TIE RODS



DETAIL OF DOOR FROM INSIDE



WALL SECTION FROM OUTSIDE

